=> file caplus
FILE 'CAPLUS' ENTERED AT 10:48:52 ON 17 JUN 2009

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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

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http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

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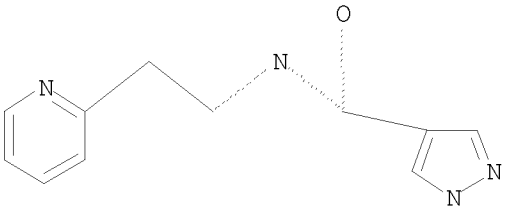
L1 STR



Structure attributes must be viewed using STN Express query preparation.
L3 65 SEA FILE=REGISTRY SSS FUL L1
L4 10 SEA FILE=CAPLUS L3

=> d l4 1-10 ibib abs hitstr

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:941740 CAPLUS
DOCUMENT NUMBER: 147:277593
TITLE: Preparation of heteroarylalanines as herbicides
INVENTOR(S): Witschel, Matthias; Zagar, Cyrill; Hupe, Eike; Kuehn, Toralf; Moberg, William Karl; Parra Rapado, Liliana; Stelzer, Frank; Vescovi, Andrea; Rack, Michael; Reinhard, Robert; Sievernich, Bernd; Grossmann, Klaus; Ehrhardt, Thomas

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 75pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007093529	A2	20070823	WO 2007-EP51144	20070207
WO 2007093529	A3	20071221		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
EP 1987008	A2	20081105	EP 2007-704402	20070207
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 20090054240	A1	20090226	US 2008-279425	20080814

PRIORITY APPLN. INFO.: EP 2006-110017 A 20060216
WO 2007-EP51144 W 20070207

OTHER SOURCE(S): MARPAT 147:277593

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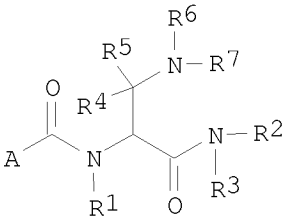

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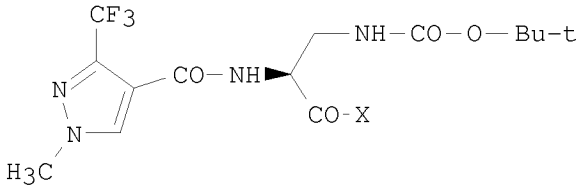


II

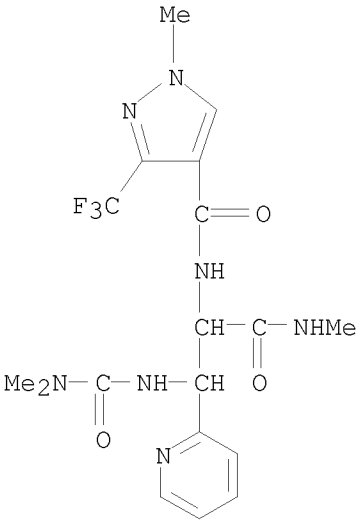
AB Title compds. I [A = 5 or 6-membered heteroaryl with provisos; R1, R2 = H, OH, alkoxy; R3 = alkyl, cyanoalkyl, haloalkyl; R4 = H, alkyl; R5 = H, alkyl, alkenyl, etc.; R6 = H, alkyl, cycloalkyl, etc.; R7 = H, alkyl, cyclaolkyl, etc.] were prepared For example, condensation of MeNH2/MeOH and Me ester II [X = O in Me] afforded amide II [X = NHMe]. Compds. I are claimed to be useful as agrochem. herbicides.

IT 946611-88-7P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heteroarylalanines as herbicides)

RN 946611-88-7 CAPLUS

CN 2-Pyridinepropanamide, β-[[(dimethylamino)carbonyl]amino]-N-methyl-α-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl]amino]-

(CA INDEX NAME)



L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:538689 CAPLUS
DOCUMENT NUMBER: 146:521800
TITLE: Heterocyclic compounds as tyrosine kinase modulators and their preparation, pharmaceutical compositions and use in the treatment of diseases
INVENTOR(S): Anikin, Alexey Vyacheslavovich; Gantla, Vidyasagar Reddy; Gregor, Vlad Edward; Jiang, Luyong; Liu, Yahua; Mcgee, Danny Peter Claude; Mikel, Charles Chamchoumis; Pickens, Jason Conrad; Webb, Thomas Roy; Zheng, Yan; Zhu, Tong; Kadushkin, Aleksander; Zozulya, Sergey; Chucholowski, Alexander; Mcgrath, Douglas Eric; Sviridov, Sergey
PATENT ASSIGNEE(S): Chembridge Research Laboratories, Inc., USA
SOURCE: PCT Int. Appl., 385pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007056155	A1	20070518	WO 2006-US42982	20061102

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

AU 2006311914 A1 20070518 AU 2006-311914 20061102
EP 1960382 A1 20080827 EP 2006-836883 20061102
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS
PRIORITY APPLN. INFO.: US 2005-734050P P 20051103
WO 2006-US42982 W 20061102
OTHER SOURCE(S): MARPAT 146:521800

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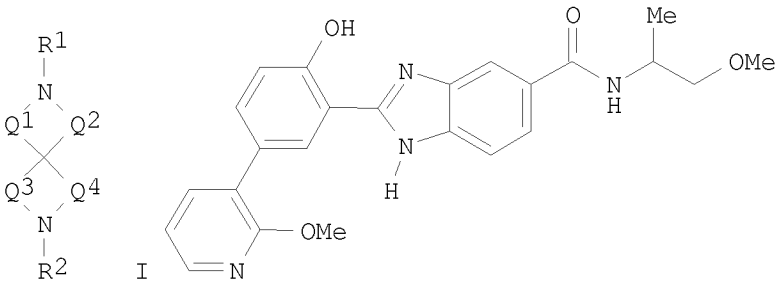


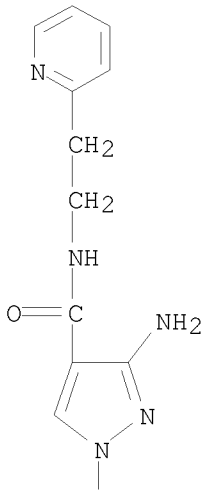
AB The invention provides compds. of formula I and related compds., capable of modulating tyrosine kinases, compns. comprising the compds. and methods of their use. Compds. of formula I wherein R1 is (un)substituted heterocyclyl, (un)substituted alkyl, (un)substituted sulfonyl, acyl, etc.; R2 is H, lower alkyl, lower alkenyl, lower alkynyl, lower cycloalkylalkyl, (un)substituted (hetero)aryl(alkyl), heterocycloalkyl, etc.; Q1, Q2, Q3 and Q4 are independently. C1-5 alkyl; and their stereoisomers, tautomers, salts, hydrates and prodrugs thereof, are claimed. Example compound II was prepared by amidation of 2-[2-hydroxy-5-(2-methoxypyridin-3-yl)phenyl]benzimidazole-5-carboxylic acid with 1-methoxy-2-propylamine. All the invention compds. were evaluated for their tyrosine kinase modulatory activity (some data given).

IT 936925-37-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of heterocyclic compds. as tyrosine kinase modulators and their use in the treatment of diseases)

RN 936925-37-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-amino-1-(5,6-dihydro-8-methoxybenzo[h]quinazolin-2-yl)-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)

PAGE 1-A



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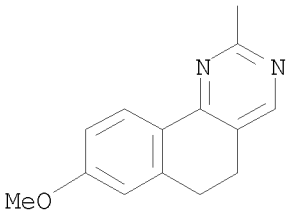

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:272514 CAPLUS
DOCUMENT NUMBER: 144:331692
TITLE: Preparation of heteroaroylserine amides as herbicides
INVENTOR(S): Witschel, Matthias; Stelzer, Frank; Kuehn, Toralf; Parra Rapado, Liliana; Rack, Michael; Hupe, Eike; Zagar, Cyrill; Reinhard, Robert; Sievernich, Bernd; Ehrhardt, Thomas
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 97 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006029829	A1	20060323	WO 2005-EP9856	20050914
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005284348	A1	20060323	AU 2005-284348	20050914
CA 2577181	A1	20060323	CA 2005-2577181	20050914
EP 1791829	A1	20070606	EP 2005-790101	20050914
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101023073	A	20070822	CN 2005-80031324	20050914
JP 2008513393	T	20080501	JP 2007-531663	20050914
BR 2005015184	A	20080722	BR 2005-15184	20050914
MX 2007001836	A	20070423	MX 2007-1836	20070214
IN 2007KN00555	A	20070706	IN 2007-KN555	20070214
US 20070270312	A1	20071122	US 2007-662586	20070313
KR 2007058618	A	20070608	KR 2007-708532	20070413
PRIORITY APPLN. INFO.:			DE 2004-102004045298A	20040916
			WO 2005-EP9856 W	20050914
OTHER SOURCE(S):	MARPAT 144:331692			

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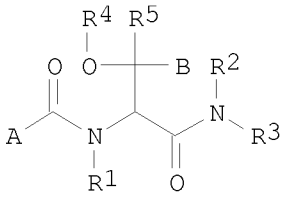

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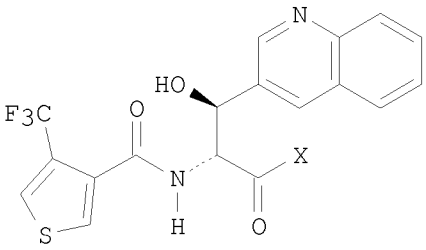


II

AB Title compds. I [A = 5 or 6-membered heteroaryl with provisos; B = mono or bicyclic heteroaryl with provisos; R1,R2 = H OH, alkoxy; R3 = alkyl, cyanoalkyl, haloalkyl; R4 = H, alkyl, cycloalkyl, etc.; R5 = H, alkyl] were prepared For example, N-acylation of methylamine with serine ester II (X = OEt) afforded serine amide II (X = NHMe) in 88% yield. Compds. I exhibited very good herbicidal activity against amaranthus retroflexus, i.e., pig weed.

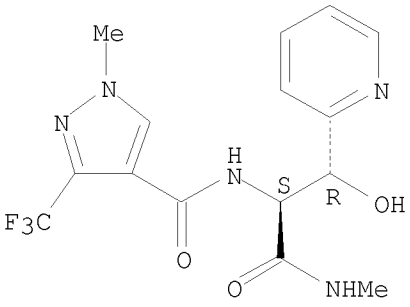
IT 880478-07-9P 880478-08-0P 880478-22-8P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heteroaroylserine amides as herbicides)

RN 880478-07-9 CAPLUS

CN 2-Pyridinepropanamide, β-hydroxy-N-methyl-α-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl]amino]-, (αR,βS)-rel- (CA INDEX NAME)

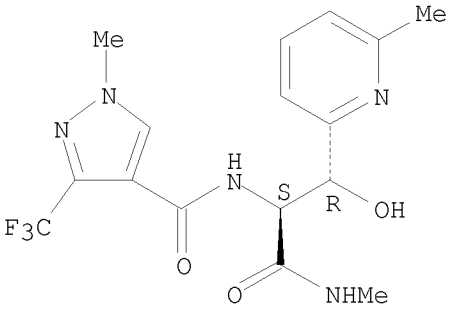
Relative stereochemistry.



RN 880478-08-0 CAPLUS

CN 2-Pyridinepropanamide, β-hydroxy-N,6-dimethyl-α-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl]amino]-, (αR,βS)-rel- (CA INDEX NAME)

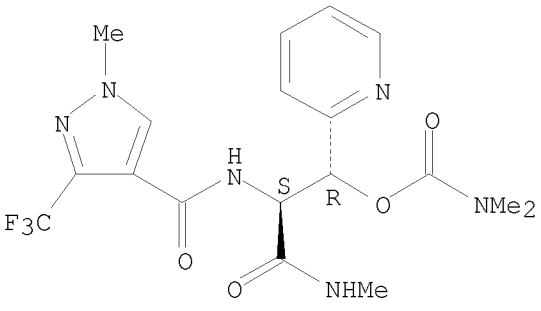
Relative stereochemistry.



RN 880478-22-8 CAPLUS

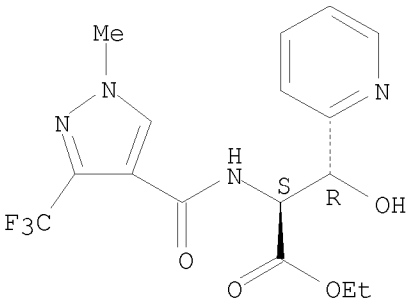
CN Carbamic acid, dimethyl-, (1R,2S)-3-(methylamino)-2-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl]amino]-3-oxo-1-(2-pyridinyl)propyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



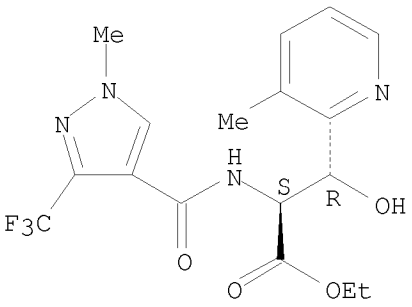
IT 880477-98-5P 880477-99-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heteroaroylserine amides as herbicides)
RN 880477-98-5 CAPLUS
CN 2-Pyridinepropanoic acid, β-hydroxy-α-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl]amino]-, ethyl ester, (αR,βS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 880477-99-6 CAPLUS
CN 2-Pyridinepropanoic acid, β-hydroxy-3-methyl-α-[[[1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl]amino]-, ethyl ester, (αR,βS)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:998722 CAPLUS
DOCUMENT NUMBER: 143:286453
TITLE: Preparation of 2-pyridinylethylcarboxamide derivatives as agricultural fungicides
INVENTOR(S): Mansfield, Darren; Coqueron, Pierre-Yves; Rieck, Heiko; Desbordes, Philippe; Grosjean-Cournoyer, MarieClaire; Genix, Pierre; Villier, Alain
PATENT ASSIGNEE(S): Bayer Cropscience S.A., Fr.
SOURCE: Eur. Pat. Appl., 42 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1574511	A1	20050914	EP 2004-356029	20040303
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
CA 2553252	A1	20050915	CA 2005-2553252	20050301
WO 2005085238	A1	20050915	WO 2005-EP3282	20050301
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EP 1720865	A1	20061115	EP 2005-716432	20050301
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1926134	A	20070307	CN 2005-80006530	20050301
BR 2005006565	A	20070417	BR 2005-6565	20050301
JP 2007526279	T	20070913	JP 2007-501251	20050301
IN 2006DN04094	A	20070622	IN 2006-DN4094	20060717
KR 2006130144	A	20061218	KR 2006-715089	20060726
ZA 2006006678	A	20080227	ZA 2006-6678	20060811
MX 2006009828	A	20061116	MX 2006-9828	20060829
US 20070167491	A1	20070719	US 2006-588985	20061012

PRIORITY APPLN. INFO.: EP 2004-356029 A 20040303
WO 2005-EP3282 W 20050301

OTHER SOURCE(S): CASREACT 143:286453; MARPAT 143:286453

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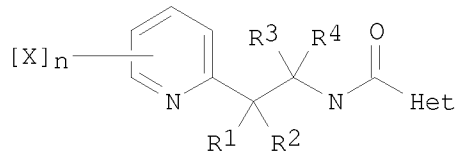

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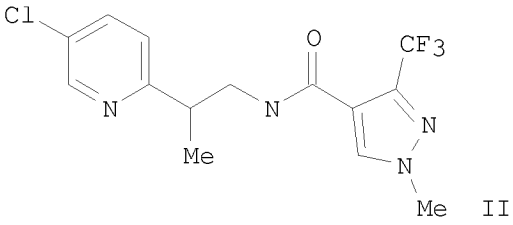


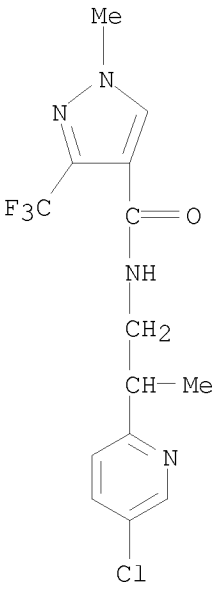
II

AB The invention is related to the preparation of 2-pyridinylethylcarboxamide derivs. of formula I [wherein n = 1-4; X = independently H, halo, NO2, CN, OH, NH2, etc.; R1-R4 = independently H, halo, CN, alkyl, etc. with the

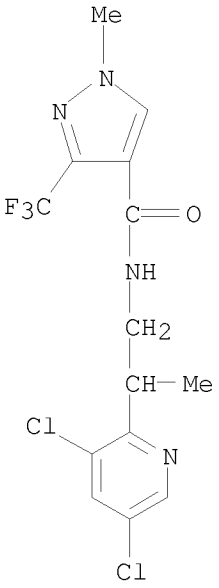
proviso that when 3 of the 4 substituents R1-R4 = H, then the fourth substituent is not H; R5 = H, Cn, CHO, alkyl, OH, alkylsulfonyl, etc.; Het = 5-7 membered heterocycle with 1-3 heteroatoms; Het being linked by a C atom and being at least substituted in ortho position; and their salts, N-oxides, metallic and metalloidic complexes], useful as agricultural fungicides. For instance, 2-pyridinylethylcarboxamide derivative II was prepared For compound II (330 ppm) in vivo test on alternaria brassicae (leaf spot of crucifer) was performed and 50 to 100% of protection was observed

IT 864439-78-1P, N-[2-(5-Chloro-2-pyridinyl)propyl]-1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxamide 864439-87-2P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-pyridinylethylcarboxamide derivs. as agricultural fungicides)

RN 864439-78-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(5-chloro-2-pyridinyl)propyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



RN 864439-87-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(3,5-dichloro-2-pyridinyl)propyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

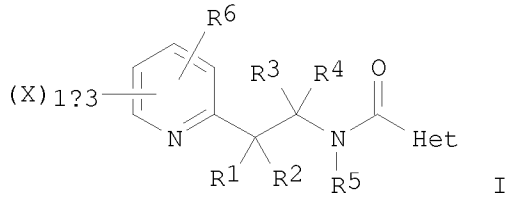
L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:568973 CAPLUS
DOCUMENT NUMBER: 143:97399
TITLE: A preparation of 2-pyridinylethylcarboxamide derivatives, useful as agricultural fungicides
INVENTOR(S): Coqueron, Pierre-Yves; Desbordes, Philippe; Mansfield, Darren James; Rieck, Heiko; Grosjean-Cournoyer, Marie-Claire; Villier, Alain; Genix, Pierre
PATENT ASSIGNEE(S): Bayer Cropscience S.A., Fr.
SOURCE: Eur. Pat. Appl., 50 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1548007	A1	20050629	EP 2003-356206	20031219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
WO 2005058833	A1	20050630	WO 2004-EP14897	20041216
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

EP 1694649	A1	20060830	EP 2004-804477		20041216
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS					
BR 2004016720	A	20070116	BR 2004-16720		20041216
CN 1898210	A	20070117	CN 2004-80038095		20041216
JP 2007516974	T	20070628	JP 2006-544396		20041216
MX 2006006803	A	20060904	MX 2006-6803		20060615
KR 2007021118	A	20070222	KR 2006-714323		20060714
US 20070117845	A1	20070524	US 2006-583011		20061006
US 20090088456	A1	20090402	US 2008-292676		20081124
PRIORITY APPLN. INFO.:			EP 2003-356206	A	20031219
			WO 2004-EP14897	W	20041216
			US 2006-583011	A1	20061006

OTHER SOURCE(S): CASREACT 143:97399; MARPAT 143:97399

GI



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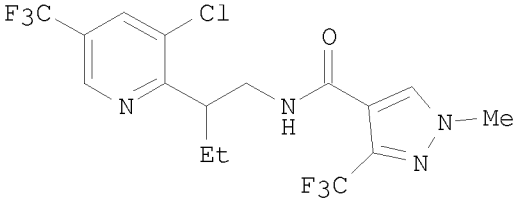


II

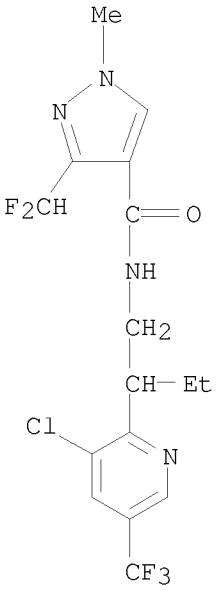
AB The invention relates to a preparation of 2-pyridinylethylcarboxamide derivs. of formula I [wherein: R1, R2, R3, and R4 are independently selected form H, halogen, CN, OH, NH2, or CHO, etc.; R5 is H, CN, CHO, or OH, etc.; R6 is haloalkyl with 1 to 5 halogen atoms; X is H, halogen, or (halo)alkyl; Het is 5-7-membered heterocycle with 1 to 3 heteroatoms], useful as agricultural fungicides. For instance, 2-pyridinylethylcarboxamide derivative II was prepared via amidation of 1-methyl-3-(trifluoromethyl)-1H-pyrazole-4-carboxylic acid by 2-[3-chloro-5-(trifluoromethyl)-2-pyridyl]-1-butanamine with a yield of 57%. For instance, for compound II (330 ppm) in vivo test on alternaria brassicae (leaf spot of crucifer) was performed and 50 to 100% of protection was observed

IT 856245-12-0P 856245-16-4P 856245-18-6P
856245-23-3P 856245-25-5P 856245-26-6P
856245-30-2P 856245-31-3P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-pyridinylethylcarboxamide derivs. useful as agricultural fungicides)

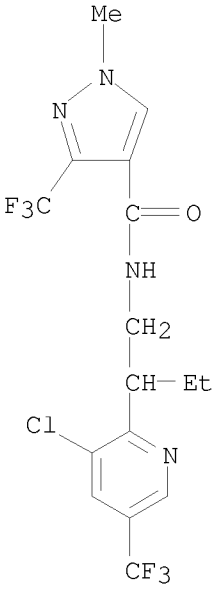
RN 856245-12-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-

pyridinyl]butyl]-3-(difluoromethyl)-1-methyl- (CA INDEX NAME)



RN 856245-16-4 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]butyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



RN 856245-18-6 CAPLUS
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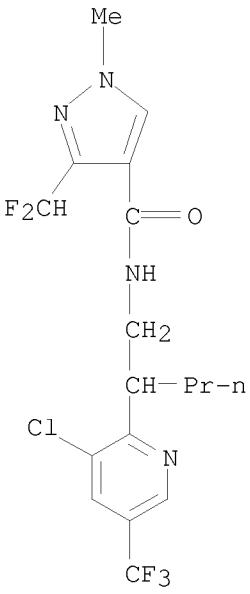
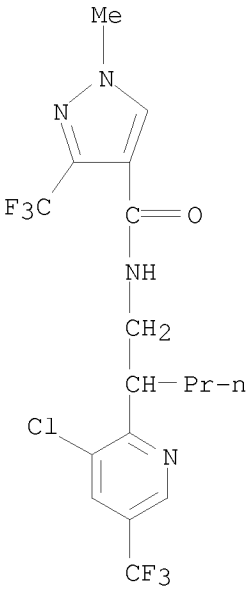
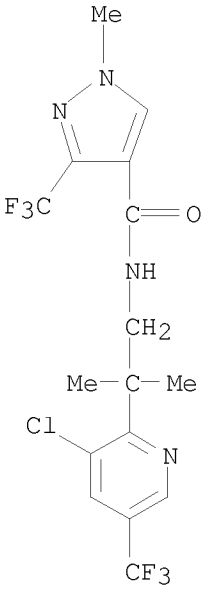


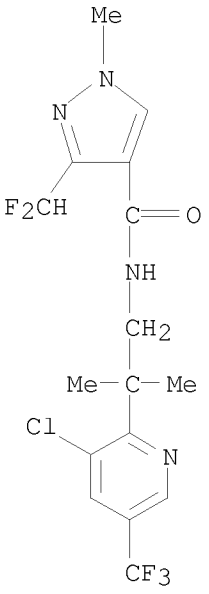
RN 856245-23-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]pentyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



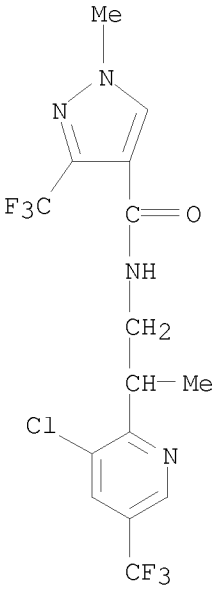
RN 856245-25-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-2-methylpropyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



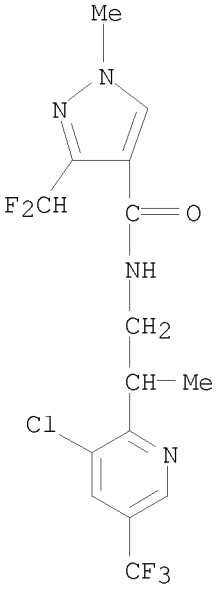
RN 856245-26-6 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-2-methylpropyl]-3-(difluoromethyl)-1-methyl- (CA INDEX NAME)



RN 856245-30-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]propyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



RN 856245-31-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]propyl]-3-(difluoromethyl)-1-methyl- (CA INDEX NAME)



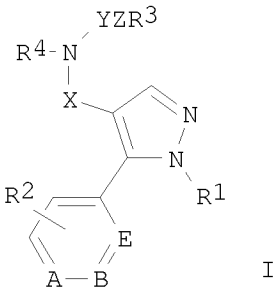
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:325701 CAPLUS
DOCUMENT NUMBER: 142:373826
TITLE: Preparation of pyrazole derivatives as cannabinoid receptor modulators

INVENTOR(S): Pendri, Annapurna; Gerritz, Samuel; Dodd, Dharmpal S.; Sun, Chongqing
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: U.S. Pat. Appl. Publ., 48 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050080087	A1	20050414	US 2004-959866	20041006
US 7517900	B2	20090414		
WO 2005037199	A2	20050428	WO 2004-US33090	20041006
WO 2005037199	A3	20050804		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1670460	A2	20060621	EP 2004-794436	20041006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				

PRIORITY APPLN. INFO.: US 2003-510445P P 20031010
WO 2004-US33090 W 20041006
OTHER SOURCE(S): CASREACT 142:373826; MARPAT 142:373826
GI



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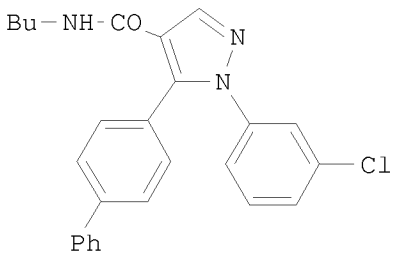


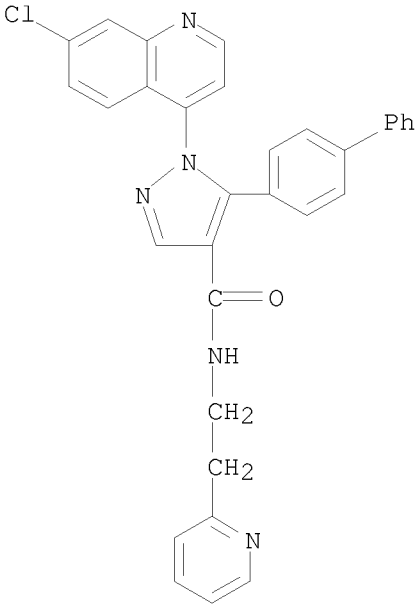
II

AB Pyrazole derivs. of formula I [R1 = H, alkyl, cycloalkyl, aryl, heteroaryl, etc.; R2 = halo, alkyl, cyano, etc.; R3, R4 = H, alkyl, cycloalkyl, cycloalkylalkyl, aryl, etc.; A, B, E = C, N; X = CO, SO2, alkylene; Y = bond, SO2, CO, C=NH, etc.; Z = bond (substituted) NH, O; with provisos] are prepared as cannabinoid receptor modulators. Addnl., the present application describes pharmaceutical compns. comprising at least one compound of formula I and optionally one or more addnl. therapeutic agents. Finally, the present application describes methods of treatment using the compds. I both alone and in combination with one or more addnl. therapeutic agents. Thus, II was prepared using solid phase synthesis. The prepared compds. had CB-1 receptor binding affinity Ki values from 0.01 to

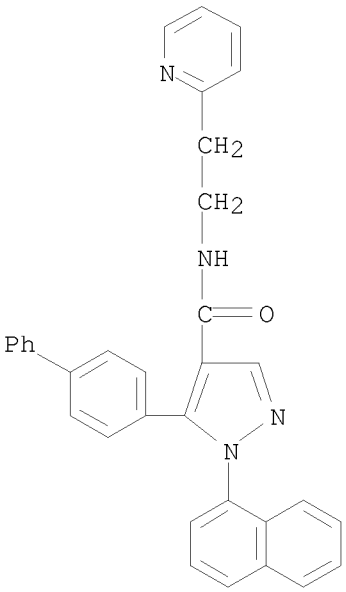
10000 nM.

IT 849637-69-0P 849638-74-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazole derivs. as cannabinoid receptor modulators)

RN 849637-69-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-[1,1'-biphenyl]-4-yl-1-(7-chloro-4-quinolinyl)-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)



RN 849638-74-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-[1,1'-biphenyl]-4-yl-1-(1-naphthalenyl)-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:700281 CAPLUS
DOCUMENT NUMBER: 141:207064
TITLE: Preparation of heteroarylcarboxamides as fungicides
INVENTOR(S): Mansfield, Darren James; Rieck, Heiko; Greul, Joerg Nico; Coqueron, Pierre-Yves; Desbordes, Philippe; Genix, Pierre; Grosjean-Cournoyer, Marie-Claire; Perez, Joseph; Villier, Alain
PATENT ASSIGNEE(S): Bayer Cropscience Sa, Fr.
SOURCE: Eur. Pat. Appl., 46 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1449841	A1	20040825	EP 2003-356029	20030219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CA 2516186	A1	20040902	CA 2004-2516186	20040212
WO 2004074280	A1	20040902	WO 2004-EP2381	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1597252	A1	20051123	EP 2004-710397	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK						
BR 2004006465	A	20051206	BR 2004-6465			20040212
CN 1751039	A	20060322	CN 2004-80004237			20040212
CN 100402525	C	20080716				
JP 2006517948	T	20060803	JP 2006-501983			20040212
ZA 2005004957	A	20060426	ZA 2005-4957			20050617
IN 2005DN02948	A	20070601	IN 2005-DN2948			20050701
MX 2005008705	A	20051005	MX 2005-8705			20050816
US 20060052366	A1	20060309	US 2005-545364			20050920
PRIORITY APPLN. INFO.:			EP 2003-356029		A	20030219
			WO 2004-EP2381		W	20040212

OTHER SOURCE(S): MARPAT 141:207064

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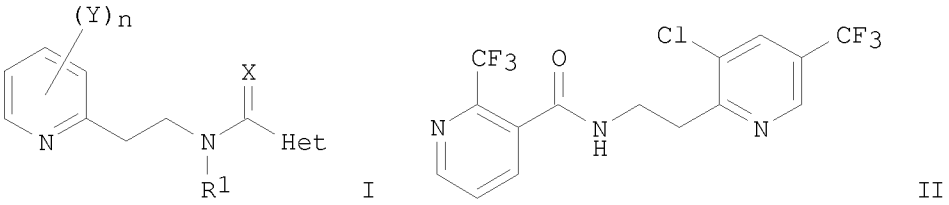
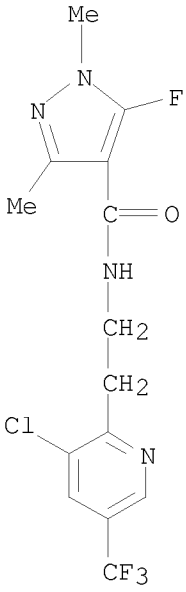


AB The title compds. I [wherein X = O or S; Y = halo, NO2, CN, etc.; R1 = halo, CN, NO2, etc.; n = 1-4; Het = (un)substituted heterocycle] are prepared as fungicides. For example, 2-(trifluoromethyl)nicotinic acid was reacted with 2-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]ethylamine in CH2Cl2 to give II (98%). Compds. I protected 50-100% radish plants against alternaria brassicae at 300 ppm.

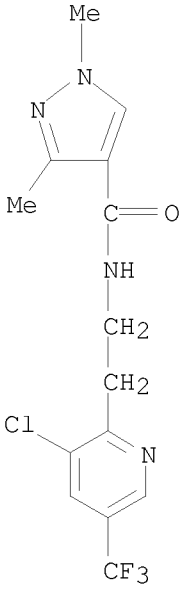
IT 743455-18-7P 743455-20-1P 743455-22-3P
743455-24-5P 743455-26-7P 743455-28-9P
743455-30-3P 743455-32-5P 743455-34-7P
743455-36-9P 743455-38-1P 743455-40-5P
743455-42-7P 743455-44-9P 743455-46-1P
743455-48-3P 743455-50-7P 743455-52-9P
743456-54-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(fungicide; preparation of heteroarylcarboxamides as fungicides)

RN 743455-18-7 CAPLUS

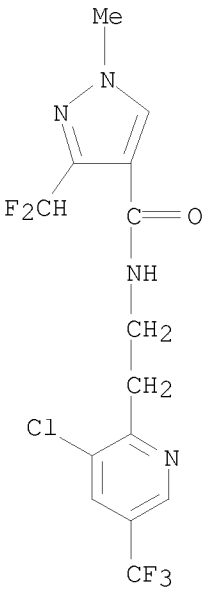
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-5-fluoro-1,3-dimethyl- (CA INDEX NAME)



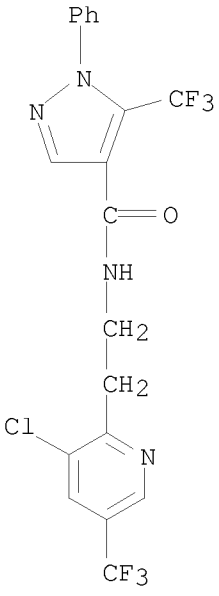
RN 743455-20-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-1,3-dimethyl- (CA INDEX NAME)



RN 743455-22-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-3-(difluoromethyl)-1-methyl- (CA INDEX NAME)

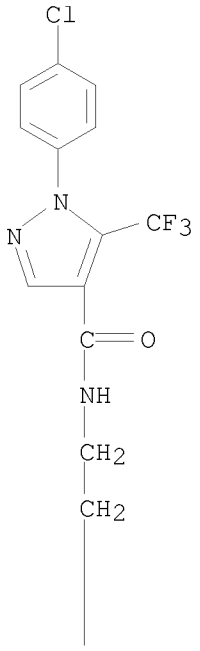


RN 743455-24-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-1-phenyl-5-(trifluoromethyl)- (CA INDEX NAME)

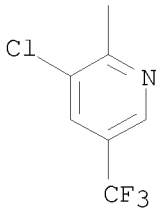


RN 743455-26-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-5-(trifluoromethyl)- (CA INDEX NAME)

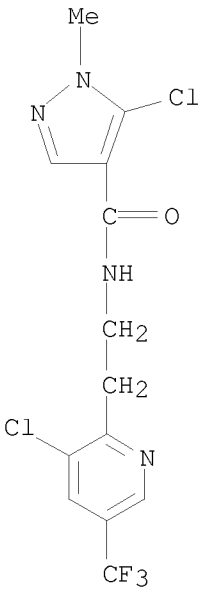
PAGE 1-A



PAGE 2-A

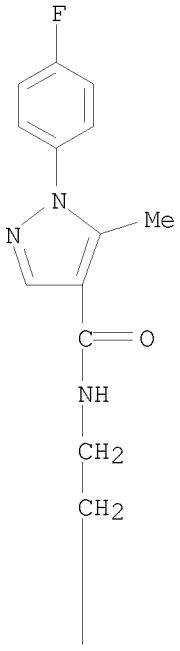


RN 743455-28-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-chloro-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-1-methyl- (CA INDEX NAME)



RN 743455-30-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-1-(4-fluorophenyl)-5-methyl- (CA INDEX NAME)

PAGE 1-A



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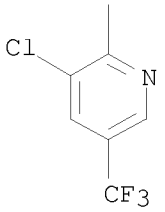

RN 743455-32-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-1-(4-methoxyphenyl)-5-methyl- (CA INDEX NAME)

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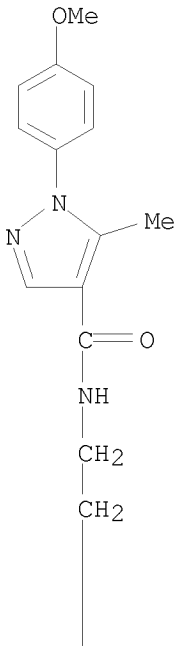

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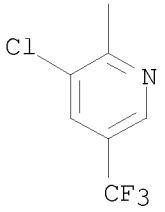

RN 743455-34-7 CAPLUS
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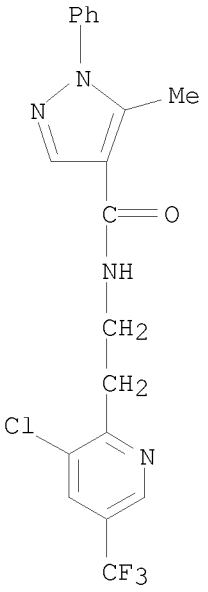

RN 743455-36-9 CAPLUS
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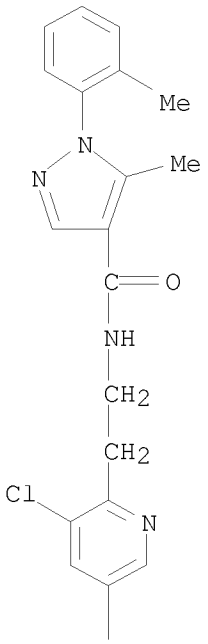
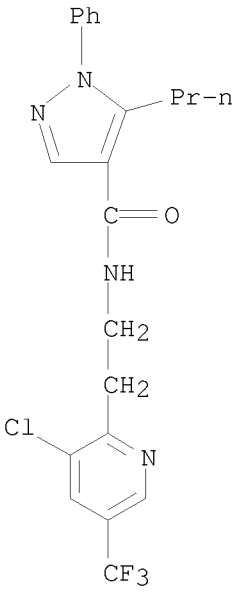
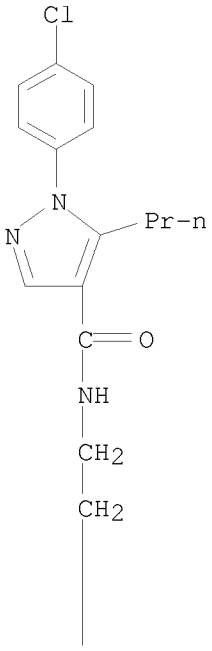


RN 743455-38-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-1-phenyl-5-propyl- (CA INDEX NAME)



RN 743455-40-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-5-propyl- (CA INDEX NAME)

PAGE 1-A



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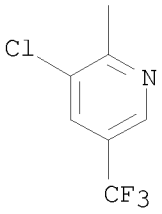
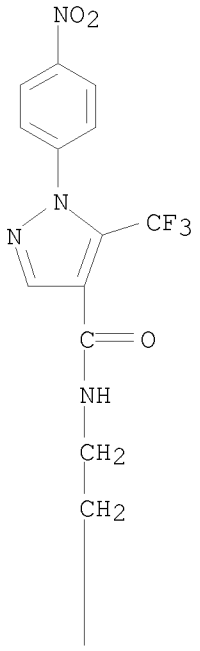


RN 743455-42-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-1-(4-nitrophenyl)-5-(trifluoromethyl)- (CA INDEX NAME)

PAGE 1-A



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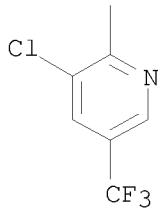

RN 743455-44-9 CAPLUS
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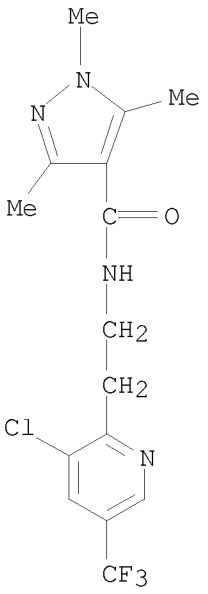

RN 743455-46-1 CAPLUS
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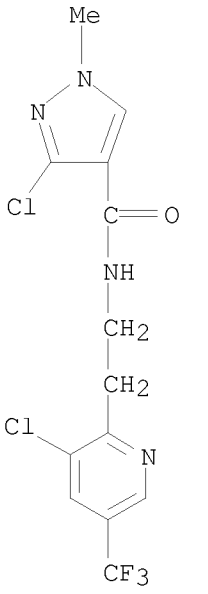

RN 743455-48-3 CAPLUS
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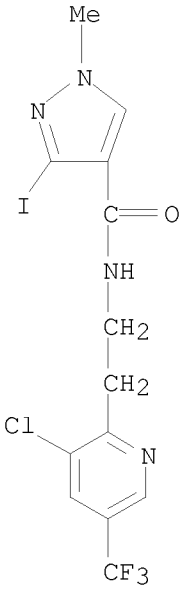

RN 743455-50-7 CAPLUS
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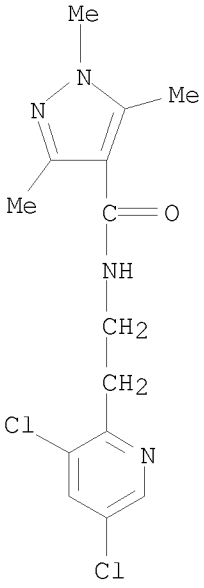
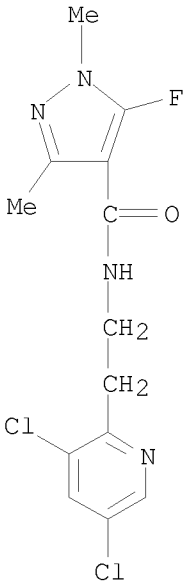


RN 743455-52-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(3,5-dichloro-2-pyridinyl)ethyl]-5-fluoro-1,3-dimethyl- (CA INDEX NAME)



RN 743456-54-4 CAPLUS
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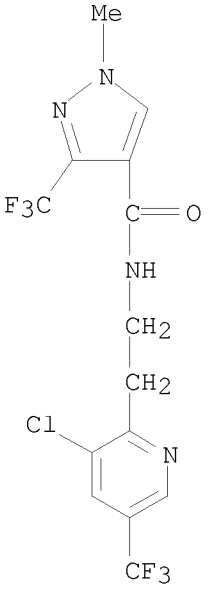

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:356201 CAPLUS
DOCUMENT NUMBER: 138:368888
TITLE: Pyrazolecarboxamides and -sulfonamides as sodium channel blockers

INVENTOR(S): Atkinson, Robert Nelson; Gross, Michael Francis
PATENT ASSIGNEE(S): Icagen, Inc., USA
SOURCE: PCT Int. Appl., 132 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003037274	A2	20030508	WO 2002-US35172	20021101
WO 2003037274	A3	20031030		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2465207	A1	20030508	CA 2002-2465207	20021101
AU 2002363250	A1	20030512	AU 2002-363250	20021101
EP 1451160	A2	20040901	EP 2002-799175	20021101
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 20050049237	A1	20050303	US 2002-286304	20021101
US 7223782	B2	20070529		
US 20080064690	A1	20080313	US 2007-740845	20070426

PRIORITY APPLN. INFO.: US 2001-335958P P 20011101
US 2002-286304 A1 20021101
WO 2002-US35172 W 20021101

OTHER SOURCE(S): MARPAT 138:368888
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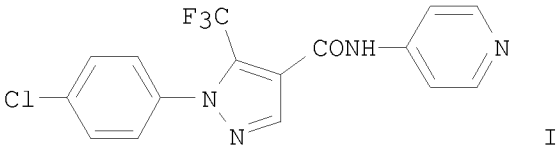

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AB Pyrazolecarboxamides and -sulfonamides were prepared for use in the treatment of diseases through the inhibition of sodium ion flux through voltage-dependent sodium channels, especially pain and chronic pain. Thus, the amide I was prepared by amidation of the acid chloride with the amine and showed activity at the PN3 Na channel in the 4.1-10 μM range.

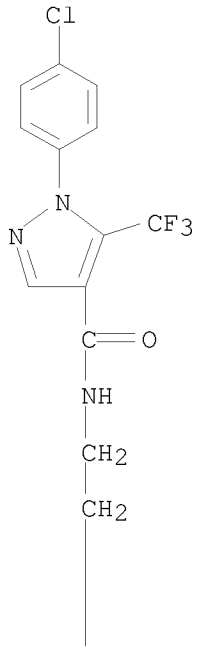
IT 521921-16-4P 521921-17-5P 521921-69-7P
521921-70-0P 521921-71-1P 521921-72-2P
521924-57-2P 521924-62-9P 521930-08-5P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazolecarboxamides and -sulfonamides as sodium channel blockers)

RN 521921-16-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-[2-(2-pyridinyl)ethyl]-5-

(trifluoromethyl)- (CA INDEX NAME)

PAGE 1-A



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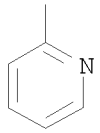
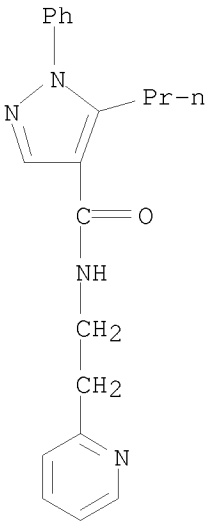
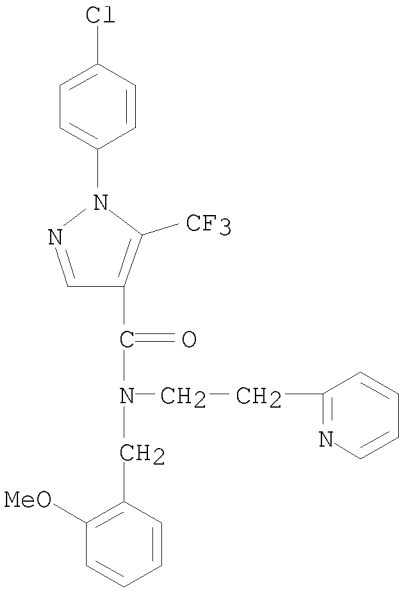


RN 521921-17-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-phenyl-5-propyl-N-[2-(2-pyridinyl)ethyl]-
(CA INDEX NAME)

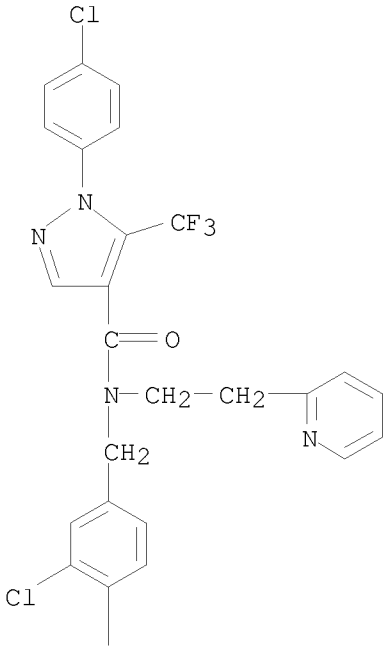


RN 521921-69-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-[(2-methoxyphenyl)methyl]-N-[2-(2-pyridinyl)ethyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 521921-70-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-[(3,4-dichlorophenyl)methyl]-N-[2-(2-pyridinyl)ethyl]-5-(trifluoromethyl)- (CA INDEX NAME)

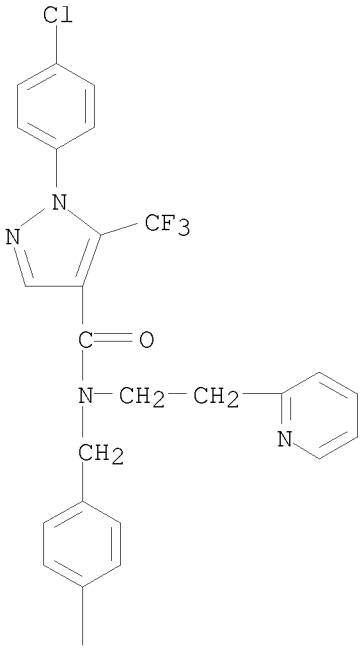
PAGE 1-A



PAGE 2-A

RN 521921-71-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-[(4-fluorophenyl)methyl]-N-[2-(2-pyridinyl)ethyl]-5-(trifluoromethyl)- (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

RN 521921-72-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-[(4-methylphenyl)methyl]-N-[2-(2-pyridinyl)ethyl]-5-(trifluoromethyl)- (CA INDEX NAME)

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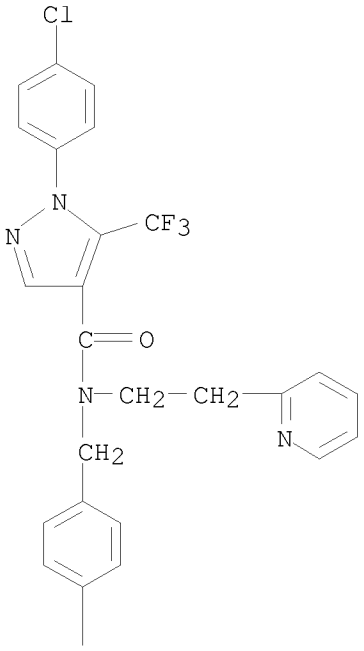
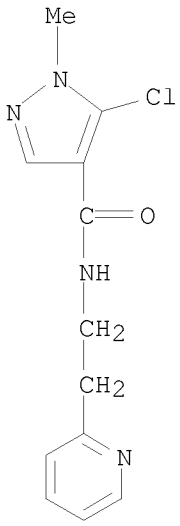


PAGE 2-A

RN 521924-57-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-N-[2-(2-pyridinyl)ethyl]-
(CA INDEX NAME)



RN 521924-62-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-5-propyl-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)

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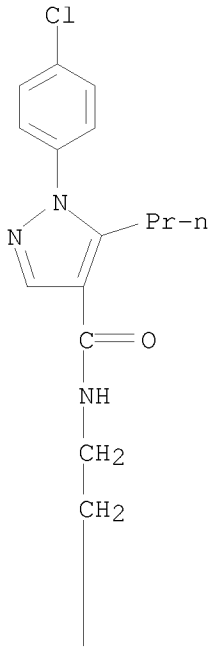

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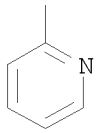
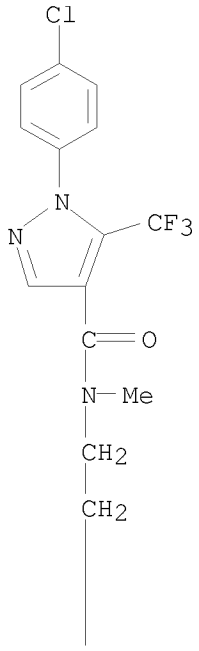


RN 521930-08-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-(4-chlorophenyl)-N-methyl-N-[2-(2-pyridinyl)ethyl]-5-(trifluoromethyl)- (CA INDEX NAME)

PAGE 1-A



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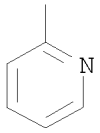

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1997:617014 CAPLUS
DOCUMENT NUMBER: 127:293215
ORIGINAL REFERENCE NO.: 127:57311a,57314a
TITLE: Preparation of isothiazolones for lowering plasma levels of lipoprotein(a)
INVENTOR(S): Domagala, John Michael; Lee, Helen Tsenwhei; Ramharack, Randy Ranjee; Roth, Bruce David; Sawyer, Tomi; Sliskovic, Drago Robert
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 22 pp., Cont.-in-part of U.S. Ser. No. 456,149. CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

US 5668162	A	19970916	US 1996-646188		19960507
US 5620997	A	19970415	US 1995-456149		19950531
TW 418206	B	20010111	TW 1995-84113376		19951215
IL 117859	A	20000716	IL 1996-117859		19960409
CA 2218253	A1	19961205	CA 1996-2218253		19960426
CN 1185737	A	19980624	CN 1996-194276		19960426
CN 1114402	C	20030716			
HU 9900917	A2	19990928	HU 1999-917		19960426
HU 9900917	A3	20030428			
ES 2192224	T3	20031001	ES 1996-913177		19960426
HR 9600216	B1	20011231	HR 1996-216		19960508
ZA 9604441	A	19961210	ZA 1996-4441		19960530
US 5733921	A	19980331	US 1996-757716		19961126
US 6001863	A	19991214	US 1997-882845		19970626
US 6133270	A	20001017	US 1997-882846		19970626
US 5889034	A	19990330	US 1998-40777		19980318
IN 2000DE00142	A	20050311	IN 2000-DE142		20000222
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			US 1996-757716	A3	19961126

OTHER SOURCE(S): MARPAT 127:293215

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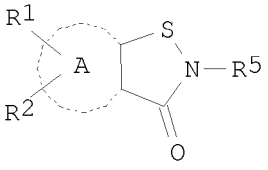

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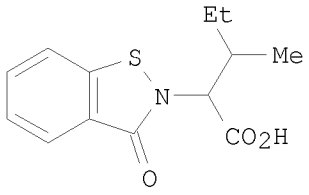


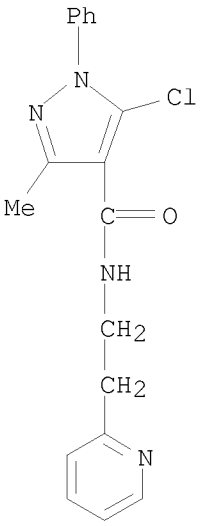
II

AB The title compds. [I; A = a 5-6 membered monocyclic or bicyclic ring which may contain up to 3 heteroatoms selected from O, S, and N; R1, R2 = H, halo, C1-6 alkyl, etc.; R5 = H, C1-6 alkyl, C3-6 cycloalkyl, etc.], useful for treating restenosis and angina, and preventing stroke, were prepared and formulated. Thus, treatment of [S-(R*,R*)]-2-{2-[2-(1-carboxy-2-methylbutylcarbamoyl)phenyldisulfanyl]benzoylamino}-3-methylpentanoic acid with Br2 in CH2Cl2 afforded the title compound [S-(R*,R*)]-II which showed IC50 of 29.5 μM against Lp(a) particle formation.

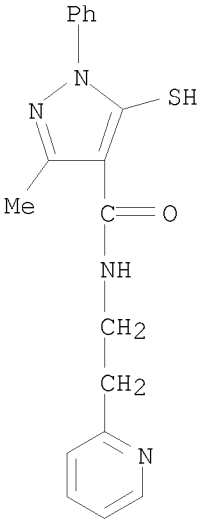
IT 186130-57-4P 186130-58-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of isothiazolones for lowering plasma levels of lipoprotein(a))

RN 186130-57-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-3-methyl-1-phenyl-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)



RN 186130-58-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-mercapto-3-methyl-1-phenyl-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1997:107395 CAPLUS
DOCUMENT NUMBER: 126:117968
ORIGINAL REFERENCE NO.: 126:22773a,22776a
TITLE: Preparation of isothiazolones as anti-retroviral, anti-inflammatory and anti-atherosclerotic agents
INVENTOR(S): Bolton, Gary Louis; Domagala, John Michael; Elslager, Edward Faith; Gogliotti, Rocco Dean; Purchase, Terri Stoeber; Sanchez, Joseph Peter; Trivedi, Bharat Kalidas
PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 95 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9638144	A1	19961205	WO 1996-US5821	19960426
W: AU, BG, CA, CN, CZ, EE, GE, HU, IS, JP, KG, KR, LK, LR, LT, LV, MG, MX, NO, NZ, PL, RO, SG, SI, SK, UA, UZ, VN, AM, AZ, BY, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5620997	A	19970415	US 1995-456149	19950531
TW 418206	B	20010111	TW 1995-84113376	19951215
IL 117859	A	20000716	IL 1996-117859	19960409
CA 2218253	A1	19961205	CA 1996-2218253	19960426
AU 9655771	A	19961218	AU 1996-55771	19960426
AU 723233	B2	20000824		
EP 828488	A1	19980318	EP 1996-913177	19960426
EP 828488	B1	20030212		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
CN 1185737	A	19980624	CN 1996-194276	19960426
CN 1114402	C	20030716		
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HU 9900917	A3	20030428		
NZ 307023	A	20010330	NZ 1996-307023	19960426
JP 2002502353	T	20020122	JP 1996-536473	19960426
AT 232385	T	20030215	AT 1996-913177	19960426
ES 2192224	T3	20031001	ES 1996-913177	19960426
HR 9600216	B1	20011231	HR 1996-216	19960508
ZA 9604441	A	19961210	ZA 1996-4441	19960530
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US 6133270	A	20001017	US 1997-882846	19970626
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IN 2000DE00142	A	20050311	IN 2000-DE142	20000222

PRIORITY APPLN. INFO.:
US 1995-456149 A 19950531
IN 1996-DE767 A3 19960409
WO 1996-US5821 W 19960426
US 1996-757716 A3 19961126

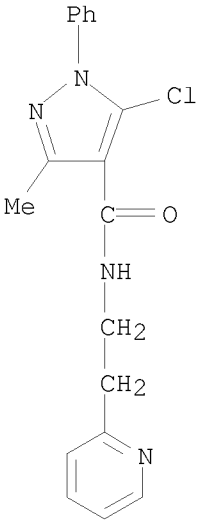
OTHER SOURCE(S): MARPAT 126:117968

GI For diagram(s), see printed CA Issue.

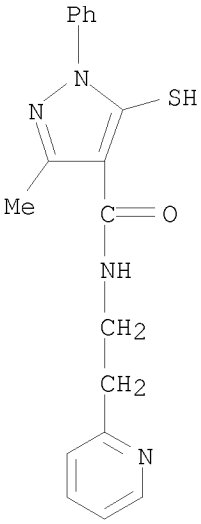
AB The title compds. [I; A = 5-6 membered monocyclic ring or a bicyclic ring (9-12 ring atoms); R1, R2 = H, halo, C1-6 alkyl, etc.; R5 = H, C1-6 alkyl, COC1-6 alkyl, etc.; m = 0-2], useful as anti-retroviral, anti-inflammatory, and anti-atherosclerotic agents, were prepared and formulated. Thus, treatment of 2-thio-N-(4-sulfamoylphenyl)benzamide with chlorocarbonylsulfenyl chloride in MeOH/THF afforded II which showed EC50 of 5.1 μM against HIV virus and 35% 15-lipoxygenase inhibition at 10 μM.

IT 186130-57-4P 186130-58-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of isothiazolones as anti-retroviral, anti-inflammatory and anti-atherosclerotic agents)

RN 186130-57-4 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-chloro-3-methyl-1-phenyl-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)



RN 186130-58-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-mercapto-3-methyl-1-phenyl-N-[2-(2-pyridinyl)ethyl]- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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